Peak District National Park

Forecast valid from 00:00 on Wednesday 08 Jun 2022 until 23:59 on Thursday 09 Jun 2022

Forecast Issued on Tuesday 07 Jun 2022 at 11:48

Confidence: High for changeable conditions and spell of stronger winds on Friday/Saturday, but lower for timings of rain bands and also shower detail.

Headline for Wednesday 08 Jun 2022: Any early rain soon clearing. Occasional showers and sunny spells, the showers locally heavy and thundery. Possible longer spell of rain or showers late evening.

Mountain weather hazards on Wednesday 08 Jun 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Cloudy	Light rain showers	Heavy rain showers	Heavy rain showers	Heavy rain showers	Light rain
Precipitation probability							
90%	90%	20%	60%	50%	60%	60%	80%

Forecast for Wednesday 08 Jun 2022

Weather: Any residual rain at dawn will soon clear. Occasional showers and sunny spells to follow, the showers locally heavy and thundery, with a low chance of lightning and hail. Late in the evening a longer spell of rain or showers may move across the park from the west, but the extent of this is uncertain.

Chance of cloud-free hill tops above 600m: 30% at first, soon increasing to 90%. Perhaps lowering to 60% late evening.

Low cloud and visibility: Low cloud covering slopes down to 300-400m at first, soon lifting clear of summits as rain clears. Cloud bases may briefly cover high peaks in heavy showers. Cloud may lower onto higher peaks late in the evening. Visibility likely to be poor across peaks at first, but soon becoming generally good or very good. In heavy showers visibility may temporarily reduce moderate or perhaps briefly poor. Visibility may reduce to moderate to poor in any more persistent rain/showers late in the evening.

Forecast for Wednesday 08 Jun 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/21 SE	15/21 S	17/24 SW	17/24 SW	17/25 W	18/27 W	17/25 W	18/27 SW	18/26 W
300	12/21 SE	13/20 S	12/19 SW	13/20 SW	14/22 W	16/25 W	14/24 W	14/22 SW	15/25 W
Valley	8/19 E	7/18 S	9/19 SW	11/22 SW	11/21 W	13/24 W	12/26 W	10/21 SW	10/22 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	11/8	10/7	11/8	12/8	12/9	11/8	8/5	8/4
300	13/11	13/11	12/10	13/10	15/12	15/12	13/11	11/8	10/8
Valley	13/12	13/12	13/11	14/12	15/13	15/13	14/11	11/10	11/9
Freezing Level*	2500m	2500m	2000m	2100m	2000m	2100m	2100m	2100m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High UV levels during sunny spells through the middle of the day, but the duration of these likely to be fairly short-lived.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 07 Jun 2022	0mm	1.6mm	6mm

Forecast for Thursday 09 Jun 2022

Weather: A cloudy start with some showery rain likely. This is expected to gradually clear towards midday, with a drier, brighter interlude for the afternoon. A further band of cloud and outbreaks of rain will arrive from the west into the evening.

Maximum wind: Westerly 15-20mph, gust 30mph.

Chance of cloud-free hill tops above 600m: Perhaps only 20% at first, but improving to 90% by midday. Likely to lower to 70% later in the evening.

Low cloud and visibility: Low cloud may be extensive down to 300-400m at first, but should soon lift and break clearing summits through the morning. Cloud likely to lower onto higher peaks again into the evening. Visibility likely to be poor across summits at first, but gradually improving to good or very good into the afternoon. Visibility is likely to reduce again to moderate to poor at times in through the evening, as outbreaks of rain arrive from the west.

Temperature: **Valleys:** Plus 12 Celsius rising to Plus 19 Celsius.
At 600m: Plus 8 Celsius rising to Plus 13 Celsius.
Freezing level: Above summits.